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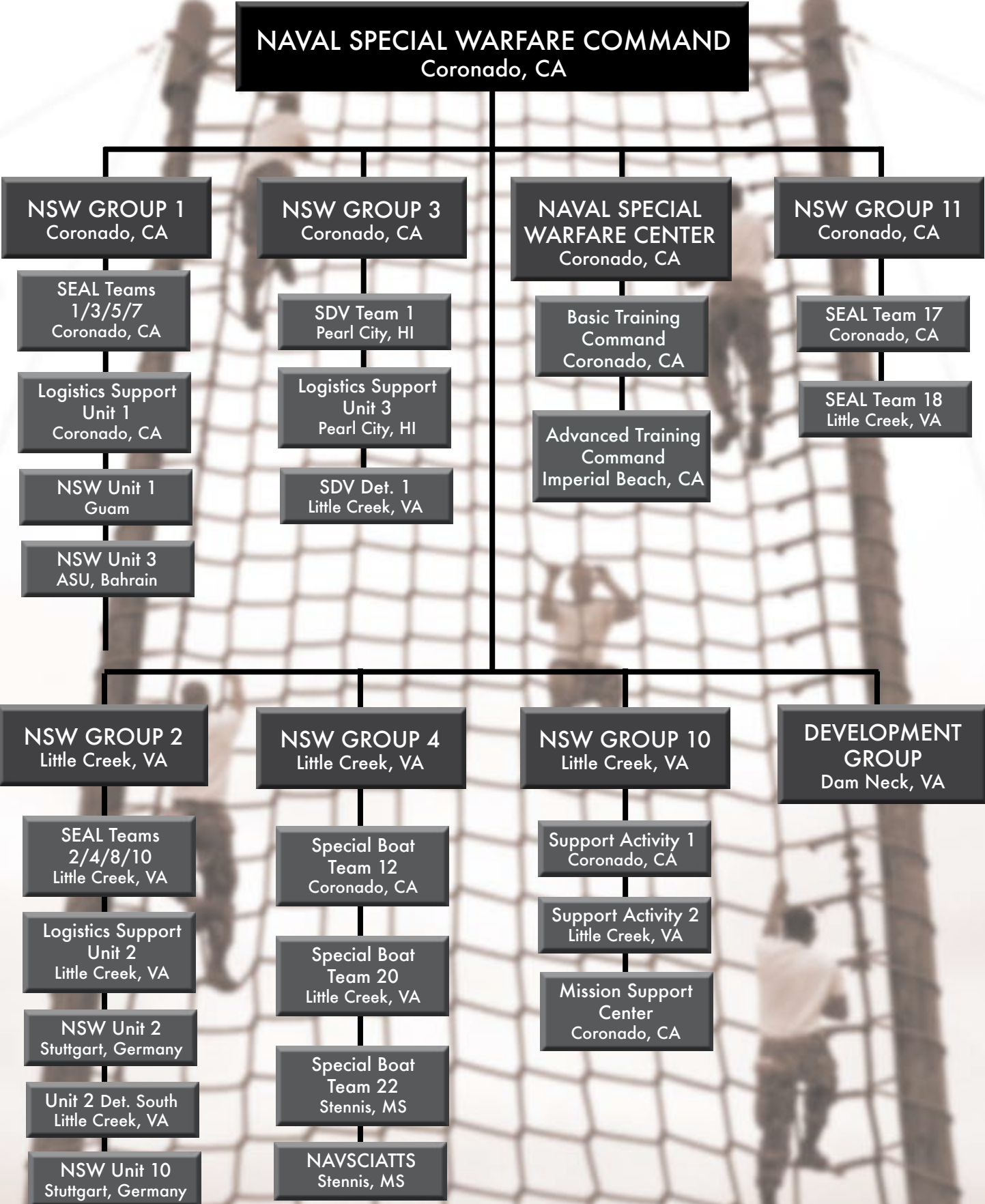


NAVAL SPECIAL WARFARE COMMAND



- Organization
- Naval Special Warfare
 - SEAL Teams
 - Tactical Assault Gear
 - SDV Teams
 - Dive Assault Gear
 - Special Boat Teams
 - SWCC Assault Gear
 - Combat Support
 - Ground Mobility Platforms
 - Surface Platforms
 - Undersea Platforms
 - SEAL & SWCC Armory

To Man, Train, Equip, Deploy and Sustain NSW Forces for operations and activities abroad, in support of Combatant Commanders and U.S. National Interests.



Naval Special Warfare (NSW) is comprised of approximately 8,900 total personnel, including more than 2,600 active-duty Special Warfare Operators, known as SEALs, 700 Special Warfare Boat Operators, also known as Special Warfare Combatant-craft Crewmen (SWCC), 700 reserve personnel, 3,700 support personnel and more than 1,100 civilians.

Naval Special Warfare Command in San Diego leads the Navy's special operations force and the maritime component of United States Special Operations Command (USSOCOM), headquartered at MacDill Air Force Base, Tampa, Fla.

NSW Groups command, train, equip and deploy components of NSW Squadrons to meet the exercise, contingency, and wartime requirements of the regional combatant commanders, theater special operations commands and numbered fleets located around the world. Additionally, they receive support from permanently deployed NSW units in Guam, Bahrain and Germany.

NSW Squadrons are built around deployed SEAL Teams and include senior leadership, SEAL Delivery Vehicle Teams, Special Boat Teams, and support technicians such as mobile communications teams, tactical cryptologic support and explosive ordnance disposal specialists. Naval Special Warfare Squadrons are among the most responsive, versatile and effective force packages fighting the global war on terrorism today.

Because SEALs are experts in special reconnaissance and direct action missions – the primary skill sets needed to combat terrorism – NSW is postured to fight a globally-dispersed enemy, whether ashore or afloat, before they can act. NSW forces can operate in small groups and have a continuous presence overseas with their ability to quickly deploy from Navy ships, submarines and aircraft, overseas bases and forward-based units. The proven ability of NSW forces to operate across the spectrum of conflict and in operations other than war, and provide real-time, first-hand intelligence offer decision makers immediate and multiple options in the face of rapidly changing crises around the world.

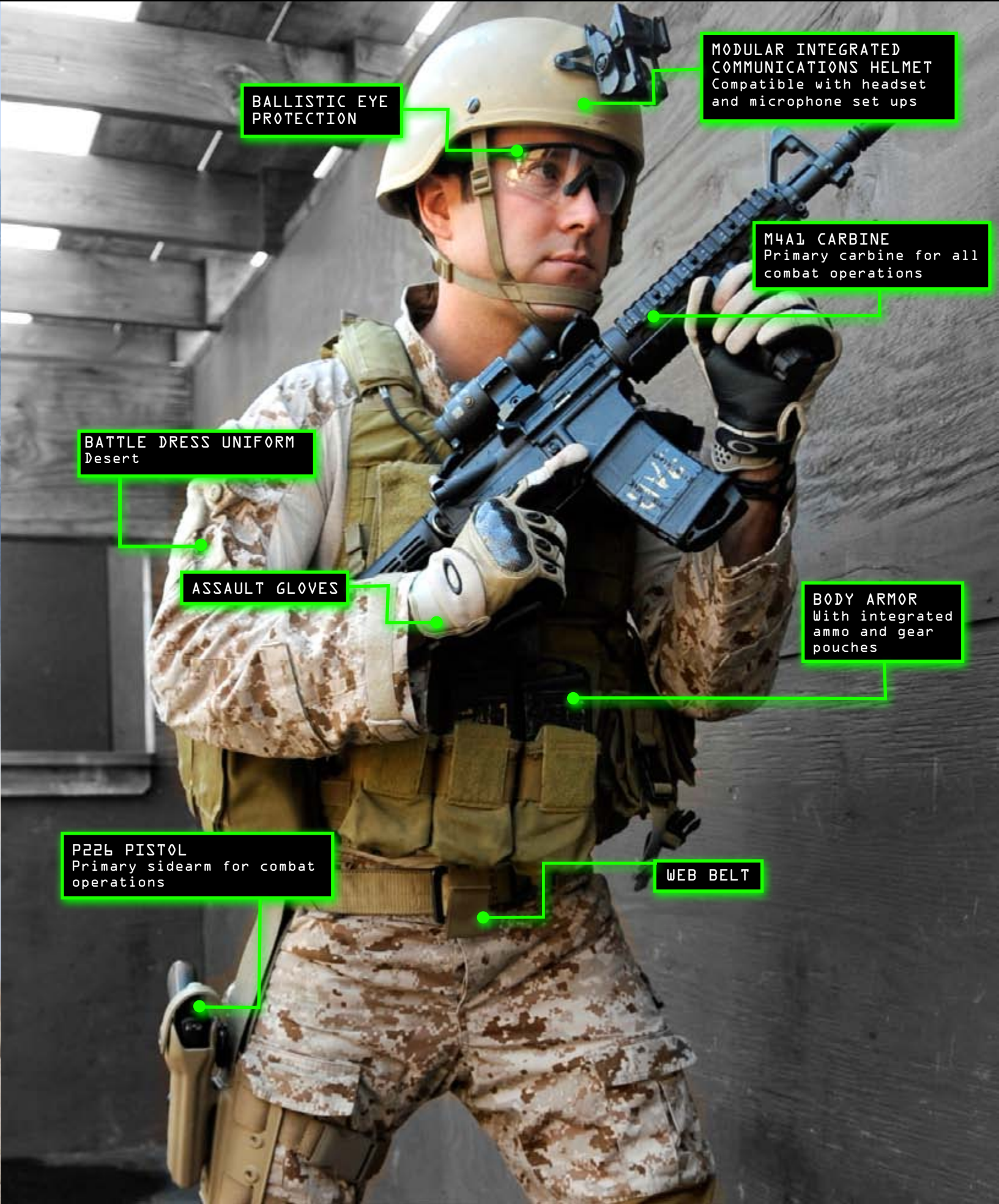
SEALs (Sea, Air and Land) take their name from the elements in and from which they operate. Their stealth and clandestine methods of operation allow them to conduct multiple missions against targets that larger forces cannot approach undetected.

SEAL Teams are maritime, multi-purpose combat forces organized, trained and equipped to conduct a variety of special missions in all operational environments and threat conditions. They infiltrate their objective areas by staging from fixed and rotor-winged aircraft, Navy surface ships, combatant craft and submarines. Operating in small numbers, SEALs frequently conduct clandestine, high-risk missions. These missions include special reconnaissance, direct action, unconventional warfare, foreign internal defense, information warfare, security assistance, counter-drug operations and personnel recovery.

Warrior Diplomats. SEALs maintain a forward presence, regional orientation, language skills, and cultural awareness as they conduct operations throughout the world.

Global Access. With half the world's industry and population located within one mile of an ocean or navigable river and 144 of 170 sovereign nations accessible from sea or river systems, Naval Special Warfare's unique maritime capabilities make it a proven force for the future. Additionally, NSW forces train for contingencies in all environments. Whether it is in the snow-capped mountains of Afghanistan, the jungles of the Philippines, or the waters of the Arabian Gulf, SEAL and SWCC warriors have proven themselves as America's most versatile and effective military force.

Systems Integration. By integrating a number of significant communication systems and reach-back technology, NSW is able to provide its forces with the operational picture, continuous battle space awareness and technical resources necessary to rapidly communicate and conduct worldwide collaborative joint mission planning.



SEAL DELIVERY VEHICLE TEAMS



SEAL Delivery Vehicle (SDV) Teams are specially trained SEALs and support personnel who operate and maintain the SDVs and Dry Deck Shelters (DDS). SDV Teams employ wet submersibles to support clandestine reconnaissance, direct action and passenger delivery missions in maritime environments. They carry combat personnel and their cargo in fully flooded compartments. The SEALs are sustained by underwater breathing apparatus. The DDS is a hangar that allows for launch and recovery of SDVs from the host submarine when it is submerged. When teamed with their host submarines, the SDV and DDS platforms provide the most clandestine maritime delivery capability in the world.

DIVE ASSAULT GEAR



FACE MASK

LIFE VEST
Inflates, keeping operator's head above water

MOUTH PIECE

M4A1 CARBINE
Primary carbine for all combat operations

LAR V DRAGER REBREATHER
Allows bubbleless, self contained underwater breathing

OXYGEN BOTTLE

P226 PISTOL
Primary sidearm for combat operations

DIVE FINS
Adjustable strap with split blade design

WET SUIT
Various thicknesses for all conditions

DIVE KNIFE

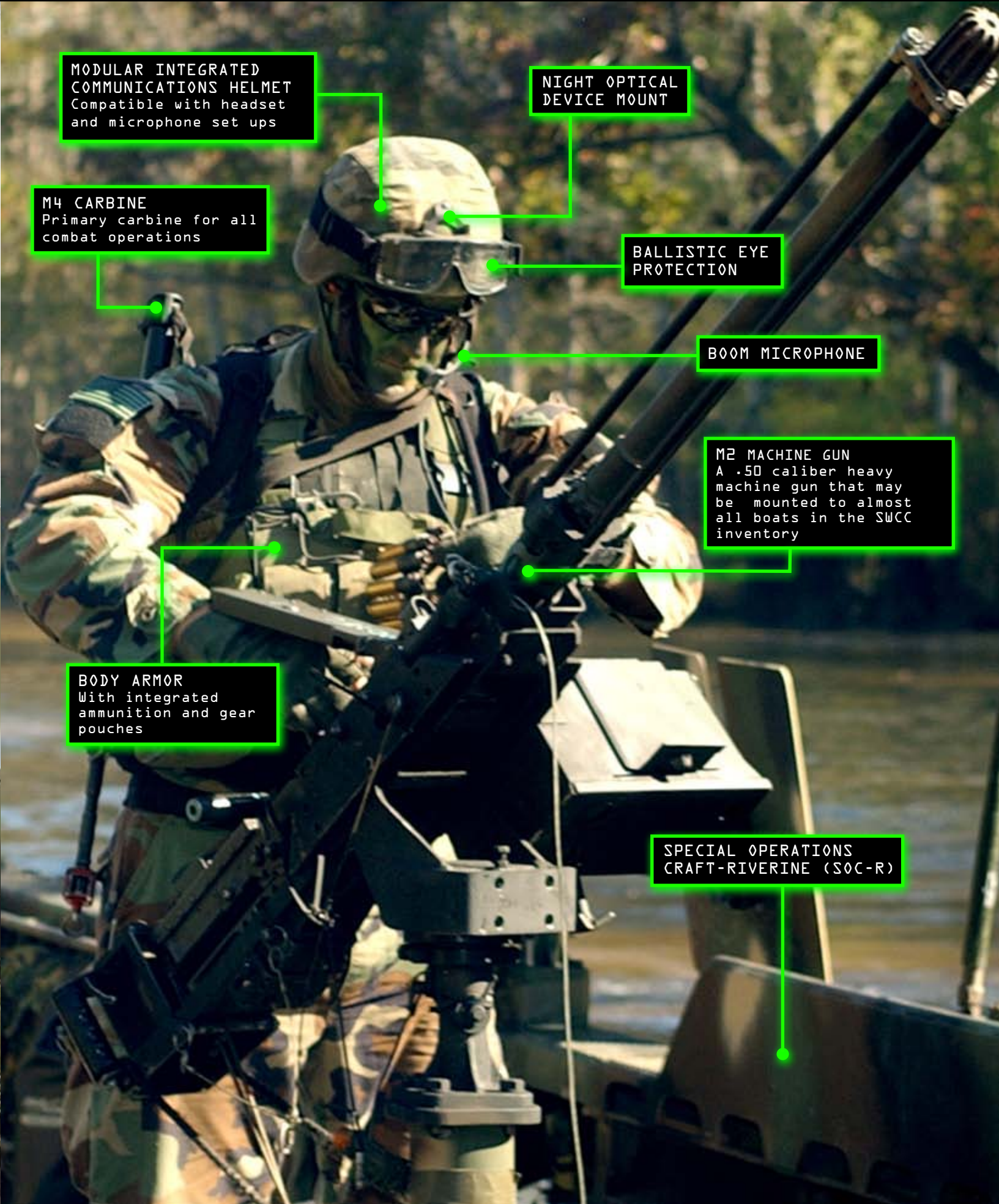
SPECIAL BOAT TEAMS

SWCC ASSAULT GEAR



Located in San Diego, Norfolk, Va. and Stennis, Miss., Special Boat Teams (SBT) are manned by Special Warfare Combatant-craft Crewmen (SWCC) who operate and maintain state-of-the-art surface craft to conduct coastal patrol and interdiction and support special operations missions. Focusing on infiltration and exfiltration of SEALs and other SOF, SWCCs provide dedicated rapid mobility in shallow water areas where larger ships cannot operate. They also bring to the table a unique SOF capability: Maritime Combatant Craft Aerial Delivery System - the ability to deliver combat craft via parachute drop.

SWCC are trained extensively in craft and weapons tactics, techniques and procedures. Like SEALs, Special Warfare Combatant-craft Crewmen must be physically fit, highly motivated, combat-focused and responsive in high stress situations.



MODULAR INTEGRATED COMMUNICATIONS HELMET
Compatible with headset and microphone set ups

NIGHT OPTICAL DEVICE MOUNT

M4 CARBINE
Primary carbine for all combat operations

BALLISTIC EYE PROTECTION

BOOM MICROPHONE

M2 MACHINE GUN
A .50 caliber heavy machine gun that may be mounted to almost all boats in the SWCC inventory

BODY ARMOR
With integrated ammunition and gear pouches

SPECIAL OPERATIONS CRAFT-RIVERINE (SOC-R)

COMBAT SUPPORT



If SEALs and SWCC are considered to be the action arms of NSW, then combat support personnel would be the backbone of the organization. Support services provided to NSW operations contribute heavily toward the success of the special warfare operations mission. From targeting to ordnance, from medical assistance to supply, SEALs rely heavily on the services of support personnel.

Before a squadron deploys, months of comprehensive training must be completed. There are more than 4,000 Sailors and civilians who work to support teams both in garrison and overseas. They include but are not limited to range personnel, instructors, information systems technicians, yeomen, hospital corpsmen, divers, storekeepers, mass communication specialists, aerographers, electronics technicians and operations specialists.

Naval Special Warfare Combat Service Support Detachments (CSSD) provide full-spectrum logistics support to deployed NSW Squadrons. Tasking for each CSSD includes crisis-action and logistics planning and coordination; in-theater contracting, small purchase and leasing actions, and comprehensive forward operating base support.



Ground Mobility Vehicle – Navy (GMV-N)

The GMV-N is a humvee specifically designed for SEALs that employs a multitude of weapons and is fitted with a modular armor kit. Depending on the mission, armor can be added or removed to either increase speed and maneuverability or increase protection. The GMV-N can carry up to five operators into some of the harshest terrain in the world. Every member of a SEAL Team completes an intensive, four-week tactical ground mobility training course where they learn the limitations of the vehicle, basic maintenance, and tactical driving skill sets.



Mine Resistant/Ambush Protected Vehicle (MRAP)

The SOCOM employed MRAP is a vehicle with similar handling capabilities as the GMV-N, but has been specifically developed to protect the crew from explosive events. The v-shaped hull is designed to survive direct blasts and prevent the crew inside from suffering severe injuries. The weapon system in the turret is remotely-operated from inside the cabin, eliminating the exposed gunner position. The MRAP can carry up to eight combat-equipped special warfare operators.



Rigid-hull Inflatable Boat (RIB)

Length	35 ft, 11 in
Draft	2 ft, 11 in
Speed	40 knots
Range	200 nm
Fuel Capacity	190 gals
Payload	6,400 lbs
Passengers	8
Engines	Dual Caterpillar 3126 DITA inline six-cylinder, turbocharged (diesel)

The NSW RIB performs short-range insertion and extraction of SOF, limited coastal patrol, and interdiction and reconnaissance. The RIB is a high-performance, combatant craft that is transportable by C-5 Galaxy, C-17 Globemaster and C-130 Hercules aircraft, and it can be parachuted from C-130 or larger military aircraft. Each craft is manned by a crew of three SWCCs and can carry eight personnel.



MkV Special Operations Craft

Length	82 ft
Draft	5 ft
Speed	50 knots
Range	500 nm
Fuel Capacity	190 gals
Payload	6,400 lbs
Passengers	16
Engines	MTU 12V396 TE94 (diesel)

The MK V Special Operations Craft performs medium-range infiltration and extraction of special warfare operators, limited coastal patrol and interdiction in low to medium threat environments. The MK V SOC is a high-performance, combatant craft sized to fit aboard C-5 aircraft. Each craft is manned by a crew of five SWCCs and can carry 16 personnel.



Special Operations Craft - Riverine (SOC-R)

Length	33 ft
Draft	2 ft
Speed	40 knots
Range	125 nm
Fuel Capacity	190 gals
Payload	4 crew, 8 SEALs 700 lbs cargo
Engines	440 twin Yanmar 6LY2M-STC (diesel)

The Special Operations Craft - Riverine performs short-range insertion and extraction of SOF in river and near-shore environments. The SOC-R is a high-performance craft designed to fit aboard C-130 or larger military aircraft. Each craft is manned by a crew of four SWCC and can carry eight personnel.



Dry Deck Shelter (DDS)

The Dry Deck Shelter is a floodable, pressurized vessel attached to a host submarine for undersea operations. A crew of Navy divers operates the controls for flooding, draining and pressurizing the DDS. The host submarine provides the DDS with electrical power and high-pressure air. The DDS can be used to house, launch and recover a SEAL Delivery Vehicle (SDV) or to conduct mass swimmer lock-in/lock-out operations with SEALs and Combat Rubber Raiding Craft (CRRC).

SEAL Delivery Vehicle (SDV)

The MK VIII MOD 1 SEAL Delivery Vehicle (SDV) is a free-flooding wet submersible designed for undersea special operations including direct action, hydrographic reconnaissance, and insertion/extraction of SEALs. It uses a Doppler Navigation Sonar and forward-looking obstacle avoidance sonar to navigate through the water and an underwater telephone with secure, unsecure and data modes to communicate. SDVs can be inserted into the water via a DDS-equipped submarine, MK V SOC, or surface ships.

SEAL & SWCC ARMORY

Caliber: 9 mm
Weight: 34 oz
Length: 7.7"
Barrel Length: 4.4"
Capacity: 15 rds



P226 PISTOL

The P226 pistol is the primary sidearm currently carried by Navy SEALs in combat operations.

Caliber: 5.56 mm
Weight: 5.56 lbs
Length: 33"
Barrel Length: 14.5"
Capacity: 30 rds



M4 CARBINE

The M4 is the primary carbine currently carried by Navy SEALs in combat operations.

Caliber: 7.62 mm
Weight: 15.3 lbs
Length: 45.5"
Effective Range: 1,000 m
Rate of fire: 5 rds/min
Capacity: 20



MK11 SNIPER RIFLE

The MK11 sniper rifle is a complete system based on the Knight's Armament Company SR-25. It was originally made for NSW and is one of the most accurate and durable semi-automatic rifle systems in existence. It is currently in service with most operational components of USSOCOM.

Caliber: 5.56 mm
Weight: 12.1 lbs
Length: 42"
Rate of fire: 20 rds/min
Eff. Range: 600 m



MK12 MOD1 Special Purpose Rifle SPR

The MK12 MOD1 Special Purpose Rifle is a lightweight, precision 5.56mm NATO, direct-gas operated, semi or full automatic magazine fed rifle.

Caliber: .300 WinMag
Weight: 15.27 lbs
Length: 47.5"
Barrel Length: 26.5"
Capacity: 5 rds



.300 WinMag MK13 MOD5 Sniper Rifle

The .300 WinMag is a modified push feed bolt action design with an Xmark Pro Trigger. The rifle is capable of .5 MOA accuracy above ammunition characteristics with MK248 ammo.

Caliber: .50 Cal
Weight: 27 lbs
Length: 55.5"
Effective Range: 1,000 yds
Capacity: 5+1 rds



.50 cal MK15 Special Application Sniper Rifle PIP

The MK15 sniper rifle is a complete system based on the Knight's Armament Company SR-25. It was originally made for NSW and is one of the most accurate and durable semi-automatic rifle systems in existence. It is currently in service with most operational components of USSOCOM.

Ammo: 40 mm grenades
Weight: 5.92 lbs
Length: 26.5"
Barrel Length: 9.6"
Eff. Range: 300 meters



M13 GRENADE LAUNCHER

The M13 is a 40 mm grenade launcher that allows the operator to launch grenades with their middle finger without interfering with the magazine. The barrel may be pivoted either left or right to allow easy loading. It can be used either on a special stand-alone stock or mounted on the rifle.

Caliber: 7.62 mm
Weight: 7.9 lbs
Barrel Length: 16"
Eff. Range: 600 meters
Overall Length: 38" fully extended



MK17 CAR HEAVY RIFLE

The 7.62mm MK17 (CAR-H/Heavy) rifle is the larger caliber CAR weapon. The upper receiver is made from extruded aluminium and the lower part is made from polymer. Barrels are quick-detachable, and held in the upper receiver with two cross-bolts.

SEAL & SWCC ARMORY

Ammo: 7.62 mm
Weight: 18.3 lbs
Length: 39.5"



MK48 MOD1 Lightweight Machine Gun

The MK48 MOD1 lightweight machine gun is a fully automatic weapon capable of being fired from prone or standing positions and addressing man-sized targets. It is used to augment SEAL platoons along with the MK46 and M4 Carbine weapons.

Barrel Length: 19.75"
Eff. Range: 800 meters

Caliber: 40mm high velocity
Capacity: 48 or 32 rds linked
Weight: 77.6 lbs
Barrel Length: 16.25"



MK19 MOD3 40mm Machine Gun

The MK19 MOD3 is an air-cooled, blowback operated, link belt fed, vehicle or ground mounted machine gun. It fires grenades from open bolt position and is left hand feed only.

Overall Length: 43.1" fully extended
Rate of fire: 325-375 rds/min

Caliber: 5.56 mm
Weight: 13 lbs
Barrel Length: 14"
Eff. Range: 600 meters
Overall Length: 36.5"



MK46 MOD1 Lightweight Machine Gun

The MK46 MOD1 lightweight machine gun is a fully automatic weapon capable of being fired from prone or standing positions and addressing man-sized targets. It is used to augment SEAL platoons along with the MK48 and M4 Carbine weapons.

Caliber: 7.62 x 51 mm
Weight: 25 lbs 13 oz
Rate of fire: 750-950 rds/min
Eff. Range: 1,970 yds



M240B MACHINE GUN

The M240B is a belt-fed, gas operated machine gun used by SWCCs. Extremely reliable, it is a robust weapon that is usually fired from a bipod for stability. It may be mounted on any boat in the Special Boat Team inventory.

Caliber: .50 mm
Weight: 84 lbs
Rate of fire: 450-550 rds/min
Eff. Range: 1,830 m



M2HB Machine Gun Flexible

The M2HB flexible is a recoil-operated, fully automatic, link-belt fed machine gun. It fires from a closed bolt position and can be set up for right or left-handed feed. This weapon provides suppression fire for offensive and defensive purposes.

Caliber: .50 mm
Weight: 84 lbs
Rate of fire: 450-550 rds/min
Eff. Range: 1,830 m



M2HB Machine Gun Soft Mount

The M2HB soft mount is a recoil-operated, fully automatic, link-belt fed machine gun. It fires from a closed bolt position and can be set up for right or left-handed feed. This weapon provides suppression fire for offensive and defensive purposes.

Caliber: 40mm high velocity
Capacity: 48 or 32 rds linked
Weight: 39 lbs
Eff. Range: 3500 m
Rate of fire: 275 rds/min



Advanced Lightweight Grenade Launcher (ALGL)

The ALGL is a 40mm grenade launching system that incorporates a lightweight weapon, day/night fire control, quick adjust ground and vehicle mounts and developmental programmable ammunition technologies.

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